

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of making a battery electrode, the method comprising:
forming a first layer comprising a cathode mixture on a substrate;
removing the substrate from the first layer; and
incorporating the first layer into the battery electrode,
wherein the cathode mixture is in the form of a slurry.
2. (Canceled)
3. (Original) The method of claim 1, wherein the substrate comprises a material selected from a group consisting of a polymer, a metal, and paper.
4. (Original) The method of claim 1, wherein the substrate comprises a polymer.
5. (Withdrawn) The method of claim 1, further comprising:
forming a second layer comprising the cathode mixture; and
contacting the second layer with the first layer.
6. (Withdrawn) The method of claim 5, further comprising calendering the first and second layers.

7. (Withdrawn) The method of claim 5, further comprising calendering the first and second layers under heat.
8. (Withdrawn) The method of claim 5, wherein contacting the second layer with the first layer increases the density of the first and second layers.
9. (Original) The method of claim 1, further comprising contacting the separated first layer with a current collector.
10. (Original) The method of claim 9, further comprising bonding the separated first layer and the current collector under pressure.
11. (Original) The method of claim 9, wherein the current collector includes an electrically conductive binder.
12. (Withdrawn) The method of claim 1, further comprising laminating the first layer to a plurality of layers, each one of the plurality of layers comprising a cathode material.
13. (Withdrawn) The method of claim 12, wherein the cathode material is selected from a group consisting of a cathode active material, a binder, and a conductive aid.
14. (Previously Presented) The method of claim 1, wherein forming the first layer or removing the substrate is performed in a continuous process.
15. (Previously Presented) The method of claim 1, wherein forming the first layer and removing the substrate are performed in a continuous process.
- 16-45. (Canceled)
46. (New) The method of claim 1, wherein the cathode mixture comprises a solvent.

47. (New) The method of claim 26, further comprising removing a portion of the solvent from the cathode mixture after forming the first layer comprising the cathode mixture on the substrate.

48. (New) The method of claim 47, wherein the portion of solvent that is removed is no greater than 1200 ppm.

49. (New) The method of claim 47, wherein at least some of the portion of solvent is removed prior to removing the substrate from the first layer.

50. (New) The method of claim 1, wherein the cathode mixture comprises a conductive aid.

51. (New) The method of claim 1, wherein the cathode mixture comprises a binder.

52. (New) A method of making a battery electrode, the method comprising:
forming a first layer comprising a cathode mixture on a substrate;
removing the substrate from the first layer; and
incorporating the first layer into the battery electrode,
wherein the cathode mixture comprises an electrode active material and a binder.

53. (New) The method of claim 52, wherein the binder comprises a polymer.

54. (New) The method of claim 53, wherein the binder is selected from the group consisting of polyvinylidene fluoride, hexafluoropropylene, and polytetrafluoroethylene.

55. (New) The method of claim 52, wherein the cathode mixture further comprises a solvent.

56. (New) The method of claim 55, wherein the solvent is selected from the group consisting of acetone, methyl ethyl ketone, diisobutyl ketone, methylpyrrolidone, and methyl isobutyl ketone.

57. (New) The method of claim 56, further comprising removing a portion of the solvent after forming the first layer on the substrate.

58. (New) The method of claim 52, wherein the cathode mixture further comprises a conductive aid.

59. (New) The method of claim 58, wherein the conductive aid comprises carbon.

60. (New) A method of making a battery electrode, the method comprising:
forming a first layer comprising a cathode mixture on a substrate, the cathode mixture comprising an electrode active material and a solvent;
removing the substrate from the first layer; and
incorporating the first layer into the battery electrode.

61. (New) The method of claim 60, wherein the solvent is selected from the group consisting of acetone, methyl ethyl ketone, diisobutyl ketone, methylpyrrolidone, and methyl isobutyl ketone.

62. (New) A method of making a battery electrode, the method comprising:
forming a first layer comprising a cathode slurry mixture on a substrate;
removing the substrate from the first layer; and
incorporating the first layer into the battery electrode,
wherein the cathode mixture comprises an electrode active material, a conductive aid, a binder, and a solvent.